



Sheet 1 of 1

| Form PTO-1449<br>(REV. 8-83)  |   | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE |            | ATTY DOCKET NO.<br>117404 | APPLICATION NO.<br>10/734,245 |           |
|---|---|---|------------|---------------------------|-------------------------------|-----------|
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary) |   | APPLICANTS<br>Toshihisa NIHEI et al.              |            |                           |                               |           |
|   |   | FILING DATE<br>December 15, 2003                  |            |                           |                               |           |
| U.S. PATENT DOCUMENTS   |   |   |            |                           |                               |           |
| EXAMINER INITIAL  |   | DOCUMENT NUMBER                                   | DATE       | NAME                      | CLASS                         | SUB CLASS |
| QS  | 1   | 5,219,212   | 06/15/1993 | SHIMADA et al.            |                               |           |
| QS  | 2   | 5,505,532   | 04/09/1996 | TOZU et al.               |                               |           |
| QS  | 3   | 5,863,105   | 01/26/1999 | SANO                      |                               |           |
| QS  | 4   | US 6,321,155 B1                                   | 11/20/2001 | FISCHER                   |                               |           |
| QS  | 5   | US 6,324,460 B1                                   | 11/27/2001 | LEHMER et al.             |                               |           |
|   |   |   |            |                           |                               |           |
|   |   |   |            |                           |                               |           |
| FOREIGN PATENT DOCUMENTS  |   |   |            |                           |                               |           |
|   |   | DOCUMENT NUMBER                                   | DATE       | COUNTRY                   | CLASS                         | SUB CLASS |
| QS  | 6   | JP A 6-087419 w/ abst & trans                     | 03/29/1994 | Japan                     |                               |           |
| QS  | 7   | WO 01/26943 A1                                    | 04/19/2001 | WIPO                      |                               |           |
|   |   |   |            |                           |                               |           |
|   |   |   |            |                           |                               |           |
|   |   |   |            |                           |                               |           |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)    |   |   |            |                           |                               |           |
|   |   |   |            |                           |                               |           |
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| EXAMINER  | Chris Schwartz  |   |            |                           | DATE CONSIDERED<br>2/16/05    |           |
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Date: June 2, 2004

Date: December 15, 2003